WEST Search History

DATE: Tuesday, December 09, 2003

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L4	L1 (high adj2 $saccharide$)	1423	L4
L3	L1 (high adj3 $saccharide$)	2503	L3
L2	L1 and (injection adj1 method)	9	L2
L1	(liposome$) same (injection) same (glucose or $saccharide$)	177	L1

END OF SEARCH HISTORY

L2: Entry 5 of 9 File: USPT Jan 21, 1992

DOCUMENT-IDENTIFIER: US 5082664 A
TITLE: Prostaglandin-lipid formulations

Brief Summary Text (37):
The second and more preferable method for forming the liposomes of the invention is, using the ethanol injection method of Batzri et al. (supra.), to first admix the lipid with a preservative, for example butylated hydroxytoluene (BHT), in ethanol at 5% the total aqueous volume, then add this mixture slowly to a first aqueous medium. This first aqueous medium may be any of those described hereinabove, but is preferably a saccharide solution such as, for example, maltose. The pH of this first aqueous solution is basic relative to the second aqueous solution, and is preferably pH 3.0 to about 11.0, most preferably about pH 7.0. This process forms liposomes entrapping the saccharide solution.

WEST

Generate Collection | Print

Search Results - Record(s) 1 through 9 of 9 returned.

☐ 1. Document ID: US 6660525 B2

L2: Entry 1 of 9 File: USPT Dec 9, 2003

US-PAT-NO: 6660525
DOCUMENT-IDENTIFIER: US 6660525 B2

TITLE: Therapeutic liposome composition and method

DATE-ISSUED: December 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Martin; Francis J.	San Francisco	CA		
Zalipsky; Samuel	Redwood City	CA		
Huang; Shi Kun	Castro Valley	CA		

US-CL-CURRENT: 435/458; 424/450, 435/375, 530/402, 530/403

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. Desc | Image

☐ 2. Document ID: US 6043094 A

L2: Entry 2 of 9 File: USPT Mar 28, 2000

US-PAT-NO: 6043094
DOCUMENT-IDENTIFIER: US 6043094 A

TITLE: Therapeutic liposome composition and method

DATE-ISSUED: March 28, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Martin; Francis J.	San Francisco	CA		
Zalipsky; Samuel	Redwood City	CA		
Huang; Shi Kun	Castro Valley	CA		

US-CL-CURRENT: 435/458; 424/450, 435/375, 530/402, 530/403

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. Desc | Image

☐ 3. Document ID: US 5817333 A

L2: Entry 3 of 9 File: USPT Oct 6, 1998

US-PAT-NO: 5817333
DOCUMENT-IDENTIFIER: US 5817333 A

TITLE: Liposome preparation containing a tricyclic compound

DATE-ISSUED: October 6, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kagayama; Akira	Ikoma			JP
Tokunaga; Yuji	Sanda			JP
Kaibara; Atsunori	Takatsuki			JP
Tanimoto; Sachiyo	Kadoma			JP
Hata; Takehisa	Nagaokakyo			JP

US-CL-CURRENT: 424/450; 514/885

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. Desc | Image

---

☐ 4. Document ID: US 5262168 A

L2: Entry 4 of 9 File: USPT Nov 16, 1993

US-PAT-NO: 5262168
DOCUMENT-IDENTIFIER: US 5262168 A

TITLE: Prostaglandin-lipid formulations

DATE-ISSUED: November 16, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lenk; Robert P.	Lambertville	NJ		
Tomsho; Michelle L.	Levittown	PA		
Suddith; Robert L.	Robbinsville	NJ		
Klimchak; Robert J.	Flemington	NJ		

US-CL-CURRENT: 424/450; 264/4.3, 264/4.6, 428/402.2, 436/829

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw. Desc | Image

---

☐ 5. Document ID: US 5082664 A

L2: Entry 5 of 9 File: USPT Jan 21, 1992

US-PAT-NO: 5082664
DOCUMENT-IDENTIFIER: US 5082664 A

TITLE: Prostaglandin-lipid formulations

DATE-ISSUED: January 21, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lenk; Robert P.	Lambertville	NJ		
Tomsho; Michelle L.	Levittown	PA		
Suddith; Robert L.	Robbinsville	NJ		
Klimchak; Robert J.	Flemington	NJ		

US-CL-CURRENT: 424/450; 264/4.3, 428/402.2, 436/829

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw. Desc | Image

---

☐ 6. Document ID: US 4883665 A

L2: Entry 6 of 9 File: USPT Nov 28, 1989

US-PAT-NO: 4883665
DOCUMENT-IDENTIFIER: US 4883665 A

TITLE: Process for producing liposome composition

DATE-ISSUED: November 28, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyazima; Koichiro	Uji			JP
Tomita; Keiko	Nara			JP
Nakagaki; Masayuki	Kyoto			JP

US-CL-CURRENT: 424/417; 264/4.1, 264/4.3, 264/4.6, 424/450, 428/402.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw. Desc | Image

---

☐ 7. Document ID: US 4873088 A

L2: Entry 7 of 9 File: USPT Oct 10, 1989

US-PAT-NO: 4873088
DOCUMENT-IDENTIFIER: US 4873088 A

TITLE: Liposome drug delivery method and composition

DATE-ISSUED: October 10, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mayhew; Eric	South Wales	NY		
Ehrke; M. Jane	Lancaster	NY		
Mace; Kenneth	Buffalo	NY		
Szoka; Francis	San Francisco	CA		
Olson; Fred C.	Helena	MT		

US-CL-CURRENT: 424/450; 514/54, 514/970, 514/974

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

---

☐ 8. Document ID: JP 2002218987 A

L2: Entry 8 of 9 File: JPAB Aug 6, 2002

PUB-NO: JP02002218987A
DOCUMENT-IDENTIFIER: JP 2002218987 A
TITLE: VECTOR FOR GENE THERAPY OF INSULIN-DEPENDENT DIABETES AND COMPOSITION FOR TREATING THE SAME

PUBN-DATE: August 6, 2002

INVENTOR-INFORMATION:

NAME	COUNTRY
SUH, DONGSANG	

INT-CL (IPC): C12 N 15/09; A61 K 35/12; A61 K 35/64; A61 K 35/72; A61 K 48/00; A61 P 3/10; A61 P 43/00; C07 K 14/62

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

---

☐ 9. Document ID: JP 62030708 A

L2: Entry 9 of 9 File: JPAB Feb 9, 1987

PUB-NO: JP362030708A
DOCUMENT-IDENTIFIER: JP 62030708 A
TITLE: PRODUCTION OF LIPOSOME PREPARATION

PUBN-DATE: February 9, 1987

INVENTOR-INFORMATION:

NAME	COUNTRY
MIYAJIMA, KOICHIRO	
TOMITA, KEIKO	
NAKAGAKI, MASAYUKI	

INT-CL (IPC): A61K 9/10

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

Generate Collection | Print

Terms	Documents
L1 and (injection adj1 method)	9

Display Format: - Change Format

Previous Page Next Page

WEST

End of Result Set

Generate Collection Print

L2: Entry 9 of 9 File: JPAB Feb 9, 1987

DOCUMENT-IDENTIFIER: JP 62030708 A
TITLE: PRODUCTION OF LIPOSOME PREPARATION

Abstract Text (2):
CONSTITUTION: A phospholipid (e.g., phosphatidylcholine, phosphatidylserine) is dissolved in an organic solvent such as chloroform, etc., the solvent is distilled away, a membrane of phospholipid is formed, to which an aqueous solution of one or more of glucose, galactose, mannose, maltose and maltotriose and a hydrophilic drug. A liposome is formed by a well-known method such as vortex method, ultrasonic irradiation method, ethanol injection method, etc. The liposome is frozen in the presence of an aqueous solution containing the saccharide to give a liposome preparation. This drug i prevented in a frozen state, melted at room temperature in use and administered to an organism. No leakageofathe content drug will occur.

WEST

End of Result Set

Generate Collection Print

L2: Entry 9 of 9 File: JPAB Feb 9, 1987

PUB-NO: JP362030708A
DOCUMENT-IDENTIFIER: JP 62030708 A
TITLE: PRODUCTION OF LIPOSOME PREPARATION

PUBN-DATE: February 9, 1987

INVENTOR-INFORMATION:
NAME COUNTRY
MIYAJIMA, KOICHIRO
TOMITA, KEIKO
NAKAGAKI, MASAYUKI

ASSIGNEE-INFORMATION:
NAME COUNTRY
TAKEDA CHEM IND LTD

APPL-NO: JP61082700
APPL-DATE: April 9, 1986

INT-CL (IPC): A61K 9/10

ABSTRACT:

PURPOSE: To obtain a liposome preparation stable to freezing and melting, by freezing a liposome incorporated with a saccharide selected from glucose, galactose, mannose, etc., and a hydrophilic drug in the presence of an aqueous solution of the saccharide.

CONSTITUTION: A phospholipid (e.g., phosphatidylcholine, phosphatidylserine) is dissolved in an organic solvent such as chloroform, etc., the solvent is distilled away, a membrane of phospholipid is formed, to which an aqueous solution of one or more of glucose, galactose, mannose, maltose and maltotriose and a hydrophilic drug. A liposome is formed by a well-known method such as vortex method, ultrasonic irradiation method, ethanol injection method, etc. The liposome is frozen in the presence of an aqueous solution containing the saccharide to give a liposome preparation. This drug i prevented in a frozen state, melted at room temperature in use and administered to an organism. No leakageofathe content drug will occur.